WE CLAIM:

1. A method for manufacturing a reduced weight guide link for an engine, the method comprising:
   a. providing the guide link;
   b. providing a guideway insert; and
   c. securing the insert to the guide link as a guideway for a guide wheel,
   such that the wear resistance of the insert is greater than the wear resistance of the guide link.
2. A method according to claim 1, further including:
   d. coating the insert to increase the wear-resistance.
3. A method according to claim 2, wherein coating the insert includes coating with titanium nitride.
4. A method according to claim 2, wherein coating the insert includes coating with diamond-like-carbon.
5. A method according to claim 1, wherein the insert is cylindrical.
6. A method according to claim 1, wherein the insert has a square cross-section.
7. A method according to claim 1, where the insert is V-shaped.
8. A method according to claim 1, wherein the insert is alloy steel
9. A method according to claim 1, wherein the insert is tool steel.
10. A method according to claim 1, wherein the insert is a ceramic.
11. A method according to claim 1, wherein the insert is hardened metal.
12. A method according to claim 1, wherein the insert is secured to the guide link with an end plate.
13. A lightweight guide link assembly for an engine, the assembly comprising:
   a. a guide link; and
   b. a guideway insert for providing a guideway for a guide wheel,
   such that the wear resistance of the insert is greater than the wear resistance of the guide link.
14. A guide link assembly according to claim 13, wherein the insert is coated to increase the wear resistance.

15. A guide link assembly according to claim 14, wherein the insert is coated with titanium nitride.
16. A guide link assembly according to claim 14, wherein the insert is coated with diamond-like-carbon.
17. A guide link assembly according to claim 13, wherein the insert has a square cross section.
18. A guide link assembly according to claim 13, wherein the insert is cylindrical.
19. A guide link assembly according to claim 13, wherein the insert is V-shaped.
20. A guide link assembly according to claim 13, wherein the insert is a hardened metal.
21. A guide link assembly according to claim 13, wherein the insert is alloy steel.
22. A guide link assembly according to claim 13, wherein the insert is tool steel.
23. A guide link assembly according to claim 13, wherein the insert includes a ceramic.
24. A guide link assembly according to claim 13, wherein the insert is secured to the guide link with an end plate.